

NC 281

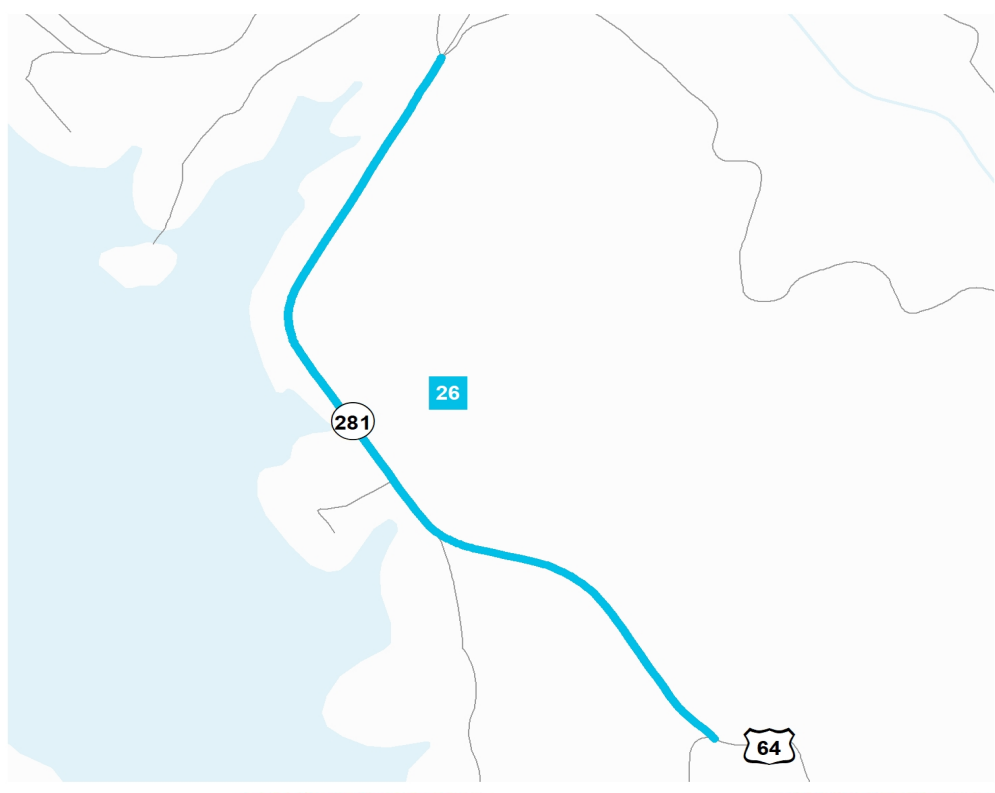
from US 64 to Cold Mountain Rd (SR)

Local ID: **TRAN0026-H**Purpose: **Facility Deficiencies**Improvement: **Improve Existing****Identified Need**

NC 281 has no paved shoulder and lane widths of 10 feet.

Recommendation

Improve alignment, lane widths, and shoulders to current design standards. In order to accommodate bicycles, bike lanes are recommended on this facility due to the high volume of recreation riders.



Local ID # Improve New Location

Local ID # Improve New Location

Congestion / Mobility



Interchange



Access Management / Operations



Bridge / Overpass



Modernization



Intersection



Other

**Proposal At A Glance**

Highway Class	Modernization
Facility Type	Major Thoroughfare 2-lane
Typical Section	02 B
Section Options	-
Estimated Cost	-
Length (miles)	0.89
Existing ROW (feet)	100
Safety Risk Score	-

Proposal Data: 2017 Base Year 2045 Future Year

Improved Route	Existing	Without Proposal	With Proposal
<i>Facility Type</i>	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
<i>Travel Lanes</i>	2	2	2
<i>Volume (vpd)</i>	1700	3900	-
<i>Capacity (vpd)</i>	14600	14600	14600

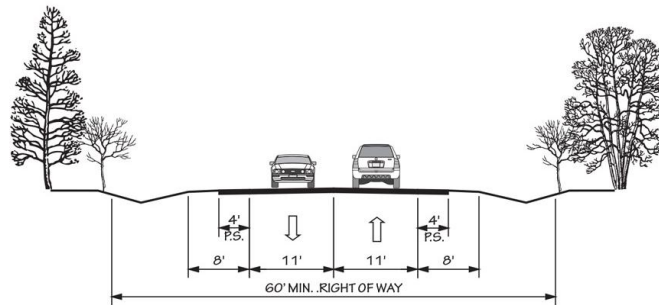
Capacity Data: Year

Facility will be Approaching Capacity (>80%)	-
Facility will be Over Capacity (>=100%)	-



Typical Section Options:

None

TYPICAL SECTION No. 2B**2 LANES UNDIVIDED WITH PAVED SHOULDERS**

POSTED SPEED 25-45 MPH

Project OverviewLinkage to Other Plans

According to the 2013 Blue Ridge Bike Plan, this facility is part of an "Other Bicycle Corridor" serving the region. It is classified as a major collector on the Federal Functional Classification System.

Multi-Modal Considerations

Transylvania County Transit, under the name "Transylvania in Motion" operates a fixed route as well as demand response system within the county. The deviated-fixed route does not reach this facility; however, it is within the demand-response area. The Transylvania County Bicycle Plan (2019) recommends a bike lane along this facility.

Goals & Objectives Survey

The citizens of Transylvania County responded to a public survey in early 2019 with a great deal of support for new greenways, sidewalks, and multi-use paths. When asked for their top three most important project types, these categories ranked first, third and fifth, out of a dozen choices. Rounding out the top five were maintenance and safety projects at second and fourth respectfully.

Natural & Human Environmental Context

Based on planning level environmental assessment using available GIS data, the proposed project is within the vicinity of Lake Toxaway and Gorges State Park. According to LHI Guild Analysis, this project intersects multiple guilds of the Mesic Hardwood, Mixed Forest, Sparsely Settled Mixed Habitats, Woodland, and Barrens variety. These are predominantly A-ranked resources with the balance being B-ranked. The project is in proximity of the Historic Lake Toxaway Methodist Church and the Toxaway River Gorge Natural Heritage Area.